



S/N 10/019214

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LOGAN et al. Examiner: Unknown
Serial No.: 10/019214 Group Art Unit: Unknown
Filed: 21 December 2001 Docket No.: 12243.24USWO
Title: GLYCOSYLTRANSFERASES OF HELICOBACTER PYLORI AS A
NEW TARGET IN PREVENTION AND TREATMENT OF H. PYLORI
INFECTIONS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the paper(s), as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on 25 June 2002.

By: Kate Ryan

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Some of the references were cited in an International Search Report mailed 21 March 2001.

This statement should be considered because it is submitted within three months of the date of entry of the national stage in an international application (37 C.F.R. § 1.491). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Enclosed for the Examiner's information is a copy of the International Search Report.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

An English abstract is provided for WO99/40205.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

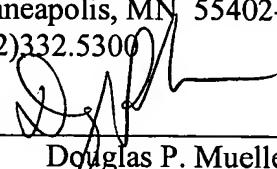
reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

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By: 
Douglas P. Mueller
Reg. No. 30,300

Dated: 25 June 2002

DPM/kjr



***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		DOCKET NUMBER: 12243.24-US-WO	Application Number: 10/019,214																																																
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>13.</td><td>Ciucanu et al, Carbohydr. Res. 131: 209-217 (1984)</td></tr> <tr><td>14.</td><td>Conlan et al, Can. J. Microbiol. 45:975-980 (1999)</td></tr> <tr><td>15.</td><td>Cope et al, Mol. Microbiol. 5: 1113-1124 (1994)</td></tr> <tr><td>16.</td><td>Dell et al (Carbohydr. Res. 200: 59-67 (1990)</td></tr> <tr><td>17.</td><td>Dubois et al, Anal. Chem. 28: 350-356 (1956)</td></tr> <tr><td>18.</td><td>Eaton et al, Infect. Immun. 59: 2470-2475 (1991)</td></tr> <tr><td>19.</td><td>Engvall et al (J. Immunol. 109: 129-135 (1972)</td></tr> <tr><td>20.</td><td>Evans et al, J. Bacteriol. 175: 674-683 (1993)</td></tr> <tr><td>21.</td><td>Ferrero et al, Infect. Immun. 66: 1349-1355 (1998)</td></tr> <tr><td>22.</td><td>Gilbert et al, Eur. J. Biochem. 249: 187-194 (1997)</td></tr> <tr><td>23.</td><td>Haas et al, Mol. Microbiol. 8:753-760 (1993)</td></tr> <tr><td>24.</td><td>Heinrichs et al, Mol. Microbiol. 30: 221-232 (1998)</td></tr> <tr><td>25.</td><td>Higgins et al, Gene 73: 237-244 (1988)</td></tr> <tr><td>26.</td><td>High et al, Mol. Microbiol. 9: 1275 (1993)</td></tr> <tr><td>27.</td><td>Inzana et al, Infect. Immun. 65: 4675-4681 (1997)</td></tr> <tr><td>28.</td><td>Jarosik et al, Infect. Immun. 62: 4861-4867 (1994)</td></tr> <tr><td>29.</td><td>Jennings et al, Mol. Microbiol. 18: 729-740 (1995)</td></tr> <tr><td>30.</td><td>Knirel et al, Eur. J. Biochem. 266: 123-131 (2000)</td></tr> <tr><td>31.</td><td>Labigne et al J. Bacteriol. 170: 1704-1708 (1988)</td></tr> <tr><td>32.</td><td>Laemmli (Nature 227: 680-685 (1970)</td></tr> <tr><td>33.</td><td>Lee et al, Gastroenterology 112: 1386-1397 (1997)</td></tr> <tr><td>34.</td><td>Logan et al, Infect. Immun. 45: 210-216 (1984)</td></tr> <tr><td>35.</td><td>Logan et al, Mol. Microbiol. 35: 1156-1167 (2000)</td></tr> <tr><td>36.</td><td>Martin, S.L. et al, J. Bio. Chem. 272: 21349-21356 (1997)</td></tr> </table>				13.	Ciucanu et al, Carbohydr. Res. 131: 209-217 (1984)	14.	Conlan et al, Can. J. Microbiol. 45:975-980 (1999)	15.	Cope et al, Mol. Microbiol. 5: 1113-1124 (1994)	16.	Dell et al (Carbohydr. Res. 200: 59-67 (1990)	17.	Dubois et al, Anal. Chem. 28: 350-356 (1956)	18.	Eaton et al, Infect. Immun. 59: 2470-2475 (1991)	19.	Engvall et al (J. Immunol. 109: 129-135 (1972)	20.	Evans et al, J. Bacteriol. 175: 674-683 (1993)	21.	Ferrero et al, Infect. Immun. 66: 1349-1355 (1998)	22.	Gilbert et al, Eur. J. Biochem. 249: 187-194 (1997)	23.	Haas et al, Mol. Microbiol. 8:753-760 (1993)	24.	Heinrichs et al, Mol. Microbiol. 30: 221-232 (1998)	25.	Higgins et al, Gene 73: 237-244 (1988)	26.	High et al, Mol. Microbiol. 9: 1275 (1993)	27.	Inzana et al, Infect. Immun. 65: 4675-4681 (1997)	28.	Jarosik et al, Infect. Immun. 62: 4861-4867 (1994)	29.	Jennings et al, Mol. Microbiol. 18: 729-740 (1995)	30.	Knirel et al, Eur. J. Biochem. 266: 123-131 (2000)	31.	Labigne et al J. Bacteriol. 170: 1704-1708 (1988)	32.	Laemmli (Nature 227: 680-685 (1970)	33.	Lee et al, Gastroenterology 112: 1386-1397 (1997)	34.	Logan et al, Infect. Immun. 45: 210-216 (1984)	35.	Logan et al, Mol. Microbiol. 35: 1156-1167 (2000)	36.	Martin, S.L. et al, J. Bio. Chem. 272: 21349-21356 (1997)
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